

Title: SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREFOR

Inventors: Tomonori AOYAMA

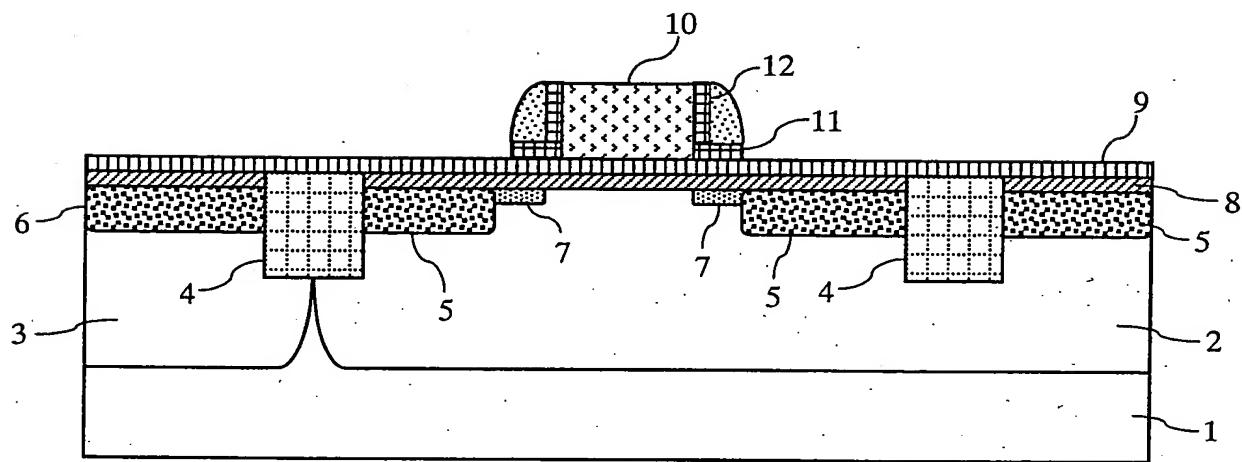
Atty Docket No.: 403023

Leydig, Voit & Mayer 202-737-6770

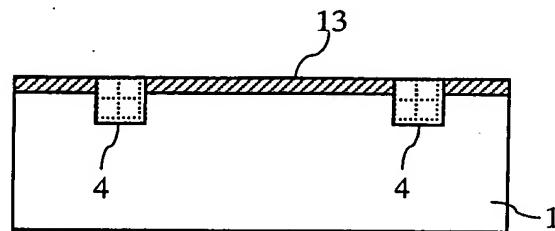
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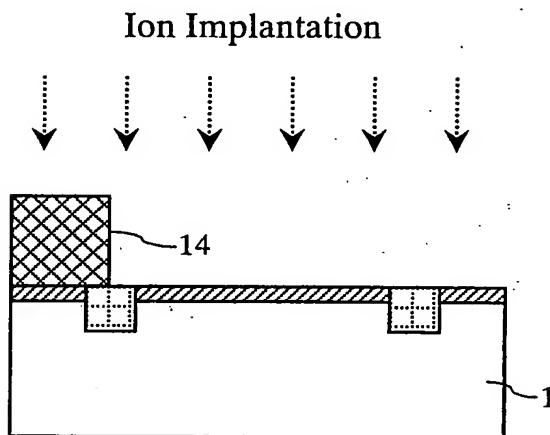
*Fig.1*



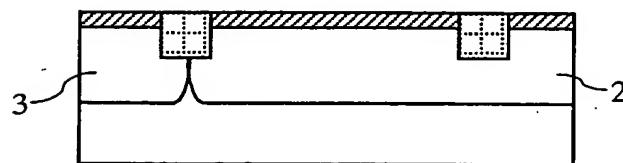
*Fig. 2A*



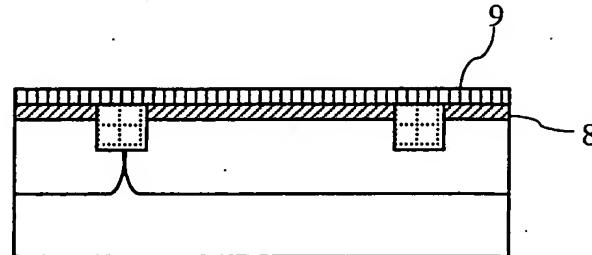
*Fig. 2B*



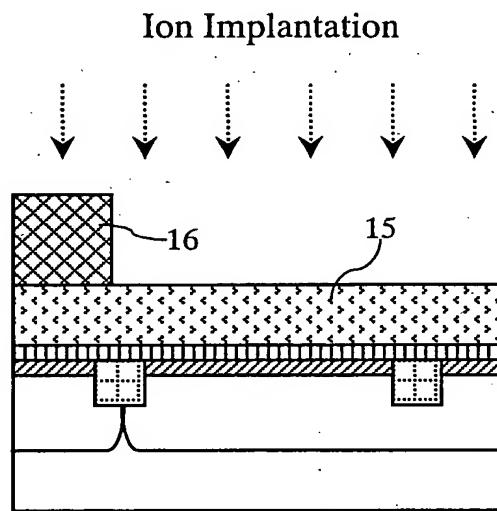
*Fig. 2C*



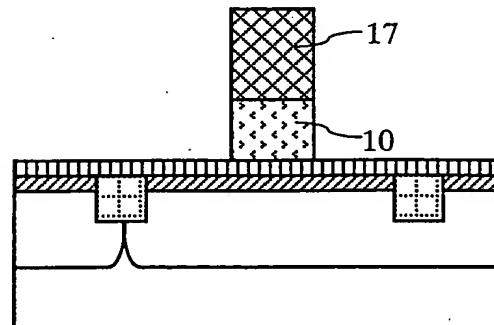
*Fig. 2D*



*Fig. 2E*

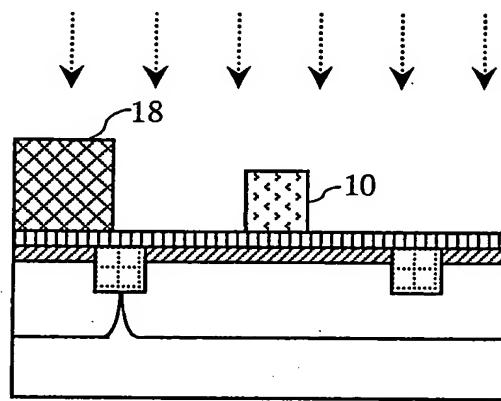


*Fig. 2F*

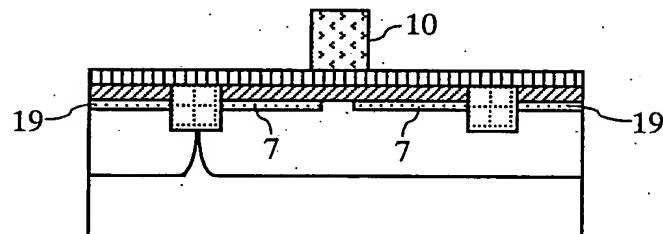


*Fig.3A*

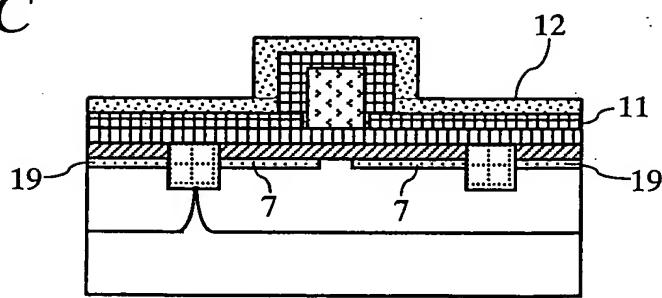
**Ion Implantation**



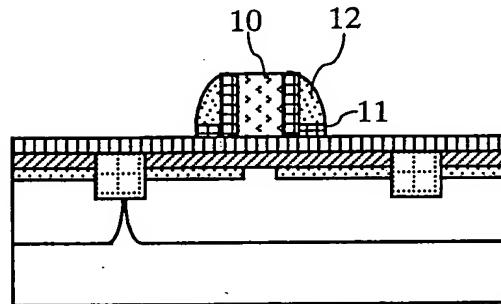
*Fig.3B*



*Fig.3C*

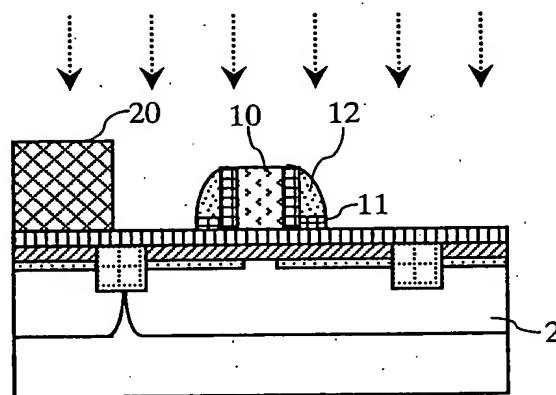


*Fig.3D*

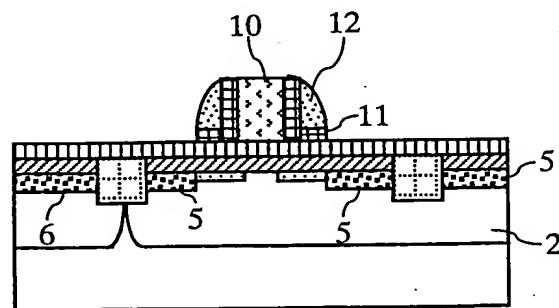


*Fig.3E*

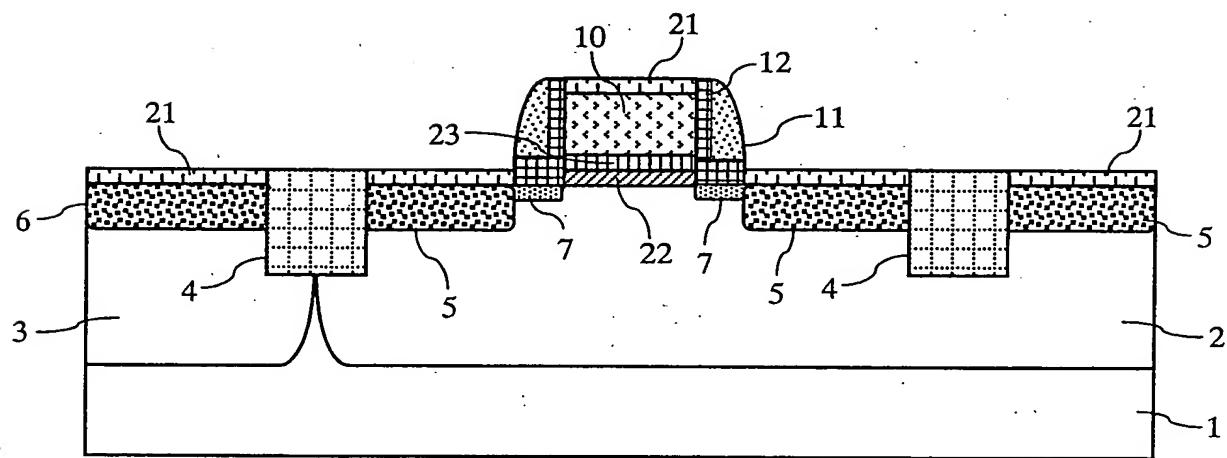
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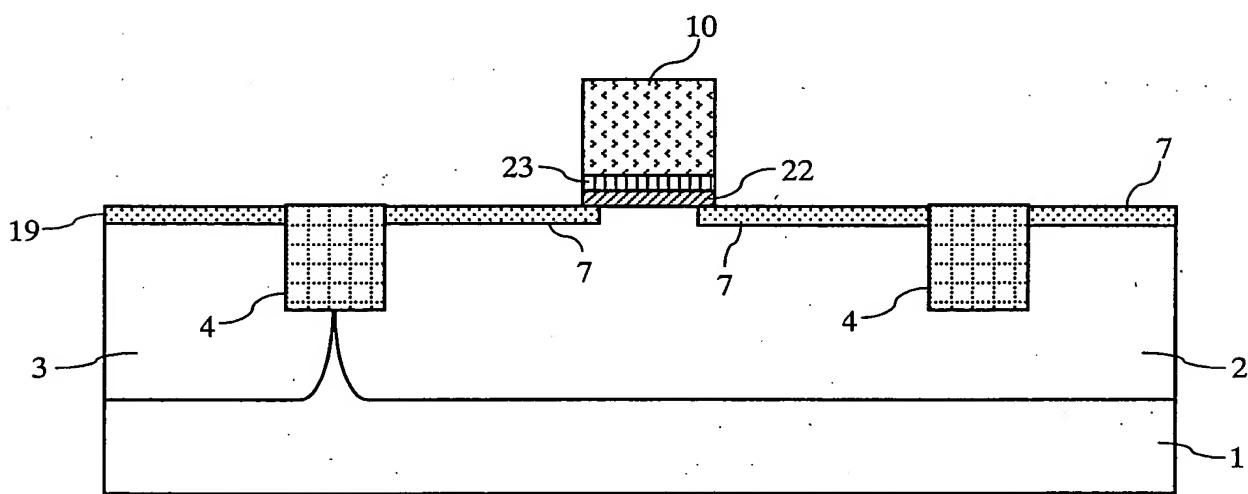
*Fig.3F*



*Fig. 4*



*Fig.5*



*Fig. 6*

NMOSFET      PMOSFET

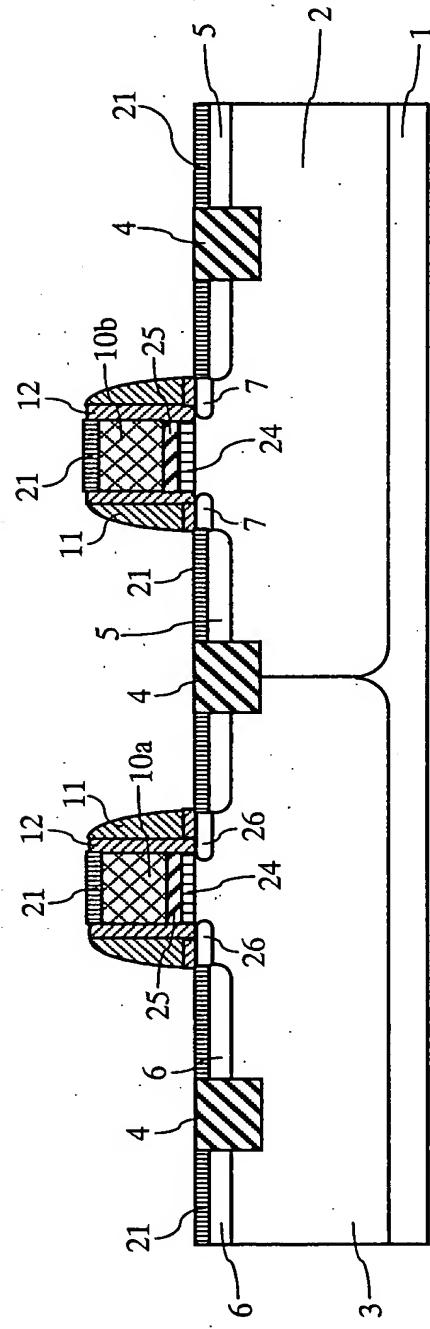


Fig.7

